

| PLANNING LEVEL OPINION OF COST SUMMARY          |     |                                             |      |                               |                            |              |
|-------------------------------------------------|-----|---------------------------------------------|------|-------------------------------|----------------------------|--------------|
| Project Description:                            |     | I-90 / SR 18 Interchange Improvements       |      |                               | Client: City of Snoqualmie |              |
| Corridor Section:                               |     | Truck Bridge                                |      |                               | Date: June-15              |              |
| Location:                                       |     | Interchange                                 |      |                               | Date of Cost Index: 2015   |              |
|                                                 |     |                                             |      | Calculated By/Entered By: BMP |                            | 8/28/2015    |
|                                                 |     |                                             |      | Checked By: MAM               |                            | 8/31/2015    |
| ESTIMATE TEMPLATE COSTS - UPDATED DECEMBER 2014 |     |                                             |      |                               |                            |              |
|                                                 |     | ITEM                                        | UNIT | ESTIMATED<br>UNIT COST        | QTY                        | COST         |
| I.                                              |     | RIGHT OF WAY                                |      |                               |                            |              |
|                                                 |     | RIGHT OF WAY (PARTIAL ACQUISITION)          | LS   | \$27,000                      | 1                          | \$27,000     |
|                                                 |     | RIGHT OF WAY (FULL ACQUISITION)             | LS   | \$0                           | 1                          | \$0          |
|                                                 |     | CONSTRUCTION EASEMENTS                      | SF   | \$5                           | -                          | \$0          |
|                                                 |     | RIGHT OF WAY TOTAL                          |      |                               |                            | \$27,000     |
| II.                                             |     | CONSTRUCTION                                |      |                               |                            |              |
| 1                                               |     | PREPARATION/GRADING/DRAINAGE                |      |                               |                            |              |
|                                                 | 1.1 | PREPARATION                                 |      |                               |                            |              |
|                                                 |     | CLEAR & GRUB,DEMO                           | ACRE | \$10,000                      | 7.7                        | \$77,000     |
|                                                 |     | REMOVING EXISTING PAVEMENT                  | SY   | \$10                          | 500                        | \$5,000      |
|                                                 |     | REMOVAL STRUCTURES & OBSTRUCTIONS           | LS   | \$5,000                       | 1                          | \$5,000      |
|                                                 |     |                                             |      |                               |                            |              |
|                                                 | 1.2 | EARTHWORK                                   |      |                               |                            |              |
|                                                 |     | ROADWAY EXCAVATION INCL, HAUL               | CY   | \$20                          | 14,600                     | \$292,000    |
|                                                 |     | STRUCTURE EX. CL. A INCL. HAUL              | CY   | \$25                          | 100                        | \$2,500      |
|                                                 |     | BORROW INCL. HAUL                           | TON  | \$18                          | 60,800                     | \$1,094,400  |
|                                                 |     | EMBANKMENT COMPACTION                       | CY   | \$2                           | 32,900                     | \$65,800     |
|                                                 |     |                                             |      |                               |                            |              |
|                                                 | 1.3 | STORMWATER MITIGATION                       |      |                               |                            |              |
|                                                 |     | DETENTION AND TREATMENT                     | SF   | \$10                          | 231,200                    | \$2,312,000  |
|                                                 |     |                                             |      |                               |                            |              |
|                                                 | 1.4 | STORM DRAINAGE CONVEYANCE                   | LS   | \$1,353,550                   | 1                          | \$1,353,550  |
|                                                 |     |                                             |      |                               |                            |              |
| 2                                               |     | STRUCTURE                                   |      |                               |                            |              |
|                                                 |     | CONCRETE BRIDGES                            | SF   | \$250                         | 8,700                      | \$2,175,000  |
|                                                 |     | CONCRETE BRIDGES WIDENING                   | SF   | \$350                         | -                          | \$0          |
|                                                 |     | APPROACH SLAB                               | SY   | \$140                         | 200                        | \$28,000     |
|                                                 |     | BRIDGE EMBANKMENT                           | CY   | \$50                          | -                          | \$0          |
|                                                 |     | MODULAR BLOCK WALL (CUT)                    | SF   | \$35                          | 3,400                      | \$119,000    |
|                                                 |     | SOLDIER PILE WALL W/ CONCRETE FACING (CUT)  | SF   | \$125                         | -                          | \$0          |
|                                                 |     | SOLDIER PILE WALL W/ CONCRETE FACING (CUT)  | SF   | \$150                         | -                          | \$0          |
|                                                 |     | MECHANICALLY STABILIZED EARTH WALL (FILL)   | SF   | \$45                          | 3,100                      | \$139,500    |
|                                                 |     | SOLDIER PILE WALL W/ CONCRETE FACING (FILL) | SF   | \$125                         | 36,500                     | \$4,562,500  |
|                                                 |     | SOLDIER PILE WALL W/ CONCRETE FACING (FILL) | SF   | \$150                         | -                          | \$0          |
|                                                 |     | BRIDGE REMOVAL                              | SF   | \$40                          | -                          | \$0          |
|                                                 |     | CULVERT                                     | LF   | \$1,750                       | 150                        | \$262,500    |
|                                                 |     | NOISE WALLS                                 | SF   | \$40                          | -                          | \$0          |
|                                                 |     |                                             |      |                               |                            |              |
| 3                                               |     | SURFACING                                   |      |                               |                            |              |
|                                                 |     | PORTLAND CEMENT CONCRETE                    | SF   | \$12                          | -                          | \$0          |
|                                                 |     | HOT MIX ASPHALT                             | TON  | \$85                          | 16,600                     | \$1,411,000  |
|                                                 |     | CRUSHED SURFACING                           | TON  | \$25                          | 8,200                      | \$205,000    |
|                                                 |     |                                             |      |                               |                            |              |
| 4                                               |     | ROADSIDE DEVELOPMENT                        |      |                               |                            |              |
|                                                 |     | FENCING                                     | LF   | \$15                          | -                          | \$0          |
|                                                 |     | SEEDING, MULCHING & FERTILIZING             | LS   | \$244,000                     | 1                          | \$244,000    |
|                                                 |     | WETLAND MITIGATION                          | LS   | \$0                           | 1                          | \$0          |
|                                                 |     | ENVIRONMENTAL PERMITS                       | LS   | \$0                           | 1                          | \$0          |
|                                                 |     | TEMPORARY WATER POLLUTION & EROSION CONTROL | LS   | \$303,900                     | 1                          | \$303,900    |
|                                                 |     | LANDSCAPING                                 | LS   | \$0                           | 1                          | \$0          |
|                                                 |     |                                             |      |                               |                            |              |
| 5                                               |     | TRAFFIC                                     |      |                               |                            |              |
|                                                 |     | GUARD RAIL                                  | LF   | \$18                          | 200                        | \$3,600      |
|                                                 |     | CONCRETE BARRIER                            | LF   | \$65                          | 5,100                      | \$331,500    |
|                                                 |     | SIGNAL SYSTEMS                              | LS   | \$0                           | 1                          | \$0          |
|                                                 |     | ILLUMINATION                                | LS   | \$255,500                     | 1                          | \$255,500    |
|                                                 |     | SIGNING                                     | LS   | \$248,000                     | 1                          | \$248,000    |
|                                                 |     | CURBS                                       | LF   | \$15                          | -                          | \$0          |
|                                                 |     | CURB RAMPS                                  | EA   | \$1,500                       | -                          | \$0          |
|                                                 |     | SIDEWALKS                                   | SY   | \$25                          | -                          | \$0          |
|                                                 |     | DRIVEWAYS                                   | SY   | \$75                          | -                          | \$0          |
|                                                 |     | SC&DI (ITS)                                 | LS   | \$0                           | 1                          | \$0          |
|                                                 |     | TRAFFIC CONTROL                             | LS   | \$774,900                     | 1                          | \$774,900    |
|                                                 |     |                                             |      |                               |                            |              |
|                                                 | 5a. | OTHER ITEMS                                 |      |                               |                            |              |
|                                                 |     | SURVEYING                                   | LS   | \$244,100                     | 1                          | \$244,100    |
|                                                 |     | SPECIAL ITEMS                               | EST  | \$0                           | 1                          | \$0          |
|                                                 |     | UTILITY RELOCATIONS                         | EST  | \$0                           | 1                          | \$0          |
|                                                 |     |                                             |      |                               |                            |              |
| 6                                               |     | MISCELLANEOUS (10%)                         | LS   | \$1,652,000                   | 1                          | \$1,652,000  |
|                                                 |     |                                             |      |                               |                            |              |
| 7                                               |     | CONSTRUCTION SUBTOTAL (ITEMS 1 THRU 6)      |      |                               |                            | \$18,167,250 |
|                                                 |     |                                             |      |                               |                            |              |
| 8                                               |     | MOBILIZATION                                |      |                               |                            |              |
|                                                 |     | 10.00% OF ITEM 7                            | EST  | \$1,817,000                   | 1                          | \$1,817,000  |
|                                                 |     |                                             |      |                               |                            |              |
| 9                                               |     | SUBTOTAL (ITEMS 7 & 8)                      |      |                               |                            | \$19,984,250 |
|                                                 |     |                                             |      |                               |                            |              |
| 10                                              |     | SALES TAX                                   |      |                               |                            |              |
|                                                 |     | 0.0% OF (% OF ITEM 9)                       | EST  | \$0                           | 1                          | \$0          |
|                                                 |     |                                             |      |                               |                            |              |
| 11                                              |     | AGREEMENTS (Utilities, WSP, etc.)           |      |                               |                            |              |
|                                                 |     |                                             | EST  | \$0                           | 1                          | \$0          |
|                                                 |     |                                             |      |                               |                            |              |

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|                                                 |  | ITEM                                  | UNIT      | ESTIMATED<br>UNIT COST        | QTY                        | COST         |
| 12                                              |  | SUBTOTAL (ITEMS 9 THRU 11)            |           |                               |                            | \$19,984,250 |
| 13                                              |  | CONSTRUCTION                          |           |                               |                            |              |
|                                                 |  | ENGINEERING (15% OF ITEM 12)          | EST       | \$2,998,000                   | 1                          | \$2,998,000  |
|                                                 |  | CONTINGENCIES (30% OF ITEM 12)        | EST       | \$5,996,000                   | 1                          | \$5,996,000  |
| 14                                              |  | CONSTRUCTION TOTAL (ITEMS 12 & 13)    |           |                               |                            | \$28,978,250 |
| III.                                            |  | PRELIMINARY ENGINEERING               |           |                               |                            |              |
|                                                 |  | (15% OF ITEM 14)                      | EST       | \$4,347,000                   | 1                          | \$4,347,000  |
| IV.                                             |  | TOTAL ESTIMATED COST                  |           |                               |                            |              |
|                                                 |  | (ITEMS I, 14 & III)                   |           |                               |                            | \$33,360,000 |
| V.                                              |  | FUTURE ESTIMATED COST                 |           |                               |                            |              |
|                                                 |  |                                       | Inflation | Const. Year                   | Cost Index                 | Future Cost  |
|                                                 |  | FUTURE COST BASED ON INFLATION RATE   | 0.04      | 2015                          | 2015                       | \$33,360,000 |
|                                                 |  |                                       |           |                               |                            |              |

The above opinion of cost is a planning level estimate only. It is based on best available information and scope at the time, not on the results of a detailed engineering study, and is supplied as a budgeting guide only. Perteet, Inc. does not guarantee or warrant the accuracy of this planning level estimate.